

TYPICAL CERTIFICATE of ANALYSIS

Product	: Bactrocera cucurbitae lure	Date of Manufacture	: May, 2020
Batch no.	: HEPL/MF/05/05/20-21	Date of Expiry	: April, 2022
Batch size	: 1000 Nos.	Date of Analysis	: 05 th May, 2020

Sl. No.	TEST	SPECIFICATION	RESULT
1.	External Appearance	Wood block	Complies
2.	Contents Appearance	Clear to pale yellow liquid blend of Methyl Eugenol [93-15-2] and Cue lure [3572-06-3]	Complies
3.	Spectroscopic Identification of Pheromone Ingredient A	H ¹ NMR Spectra to match with that of the standard of Methyl Eugenol [93-15-2]	Complies
4.	Spectroscopic Identification of Pheromone Ingredient B	H ¹ NMR Spectra to match with that of the standard Cue lure [3572-06-3]	Complies
5.	Ratio of ingredients A and B (w/w)	50% : 50%	Complies
6.	Purity of Active ingredient by GC (blend of A & B)	NLT 90%	93.15%
7.	Total content of active pheromone Ingredients	NLT 1 gram	Complies
8.	Effective life in field	60 to 90 days	Complies

Certified that the samples match with the in house specification.

Analyzed by:

S.Lokanath

Chemist - QC

Date: 05/05/2020

Checked by:

D.Bhaskar

Sr.Chemist - QC

Date: 05/05/2020

Authorised Signatory:

MVR Sai Prasad

Manager - QC

Date: 05/05/2020